

RAT Réunion Avancement Travaux **Point2 - UA27**

HARDWARE COMMISSIONING COORDINATION



NEXT RAT meeting
Thursday 07.06
8:30 in CCC



June 04, 2007, 8:30 in **CCC**

Present: Boris Bellesia, Ludovic Charnay, Gert-Jan Coelingh, Knud Dahlerup-Petersen, Verena Kain, Jacques Toullieux.

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- **8hr heat run ON GOING**
 - **24hr heat run scheduled for Thursday 07.06. The SOC is attached.**
 - IT-CS (Olaf Van der Vossen) provided two mobile WiFi stations to improve locally the network

Short Circuit Tests in UA27

- AC: -
- DC cables:
 - ~~Conic junction to be re-tested on Wednesday 30.05~~ DONE
 - ~~Conic junction of the water cooled cables of the RB too high — to be fixed tomorrow morning 01.06 (too high resistance — see PC paragraph) —~~ DONE – After intervention voltage still of about 20mV – circuit validated by TS-EL (J.-C. Guillaume)
 - PIC cable on RX circuits have been fixed on Friday 01.06
- Power converters:
 - ~~Water cooled cables of RB will re-connected Today 29.05 — Interlock test tomorrow morning 30.05.~~ DONE
 - ~~RX circuits powering test on going.~~ DONE
 - Water Fault on RQTF.A23B1 / B2 – The problem should due to a problem inside the PC cooling circuit. It will be investigated after the 8hr run.
- PIC and CCC:
 - PIC cables:

- ~~Still to be fixed (bad pinning) on RCBCH7.B2 – RQS.A23 – RSF1.B2. DONE~~
 - ~~PIC cables without connector RCBXV2.R2 – PC side / RD1.R2 – QPS side. DONE~~
 - ~~Interface test on RB Tomorrow 01.06. DONE~~
 - ~~Interface test of the circuits belonging to XR2 to be done on Friday 01.06. DONE~~
 - RQX.R2 has been powered with a PIC by-pass / PC side.
- Cooling and Ventilation: -
- WIFI: -
- WorldFIP: -
- Energy Extraction:
- 13kA: ~~Interlock test to be repeated on RB (AB-PO/AT-MEL/AB-CO) DONE~~
- 600A: The 600A EE sys have been included it the second heat run.

Balisage: -

- AOB:
- Roess will be at CERN on w21-25 to fix the problem encountered in different zone and to finalize the installation in RR17. Water must available during these periods – No water-cut are foreseen during this period.
 - Jacque informed that TS-EL have to perform a test on the electrical departures EBD in UA27 – 67 and 47. Regarding the test in UA27 they will be included in the AUG test after the 24hr heat run – 08.06.

Maria Paz and Boris for the HCC



Open Issues SCT in UA27

- 04.06 RQX.R2 has been powered with a PIC by-pass / PC side.
- 04.06 Water Fault on RQTF.A23B1 / B2

Closed Issues

- 22.05 PIC cable of RX circuits
- 31.05 Too high resistance of the conic junction of the RB
- 22.05 RX circuits still to be done – Problem of AC distribution
- 22.05 PIC cables of IPQ (Q4-Q10) to be repaired
- 22.05 **Pressure test in SX2 on 24.05**

25.04 The Roess station has been filled up but it was not possible to follow the procedure. Knud is waiting for the supplier enterprise to come and check this and the other stations.



SCT in UJ33

➤ 13kA EE:

- The 08.06 the IST with a portable PC (1400A) will be performed in RA37 and RA34. Water must be circulated 3 days before the tests.
 - Apparently the water cooled cables in R34 and R37 will be not ready for Friday 08.06. Another slot must be scheduled in agreement with TS-IC.

Open Issues SCT in UJ33

20.04 Re-routing of the DC cables.
20.04 24hr heat run NOT PASSED – to be repeated
20.04 13kA in RA34 and 37 will be done on Friday 01.06

Open Issues SCT in RR73 and UJ76

08.02 Temporary WIFI cable to be replaced by TS/EL – IT/DI

Open Issues SCT in UA67 and UJ67

02.02 RSF2.A67B1 and RSF2.A67B2 PIC cables to extend
02.02 NC opening on the bad connection of the “plages” on the 6kA racks
08.01 EE fan rotation problem – all ring – **ON GOING**